

Message Text

UNCLASSIFIED

PAGE 01 JAKART 01118 01 OF 02 251000Z

ACTION OES-07

INFO OCT-02 EA-12 ISO-00 AGRE-00 AID-05 CEQ-01 CIAE-00

SOE-02 COME-00 DODE-00 EB-08 EPA-04 INR-07 IO-14

L-03 NSF-02 NSC-05 NSAE-00 PM-05 USIA-15 SS-15

SP-02 DOE-11 INT-05 /124 W

-----000294 251008Z /10

P 250904Z JAN 78

FM AMEMBASSY JAKARTA

TO SECSTATE WASHDC PRIORITY 6380

UNCLAS SECTION 1 OF 2 JAKARTA 1118

EO 11652: NA

TAGS: SENV, ID

SUBJ: DATA FOR THE YEAR 2000 STUDY

REF: A) STATE 2024, B) 76 JAKARTA A-26 FEB. 25, 1976,

1. IN RESPONSE TO REF A) EMBOFF CALLED ON OFFICIALS IN MINISTRY OF RESEARCH, DIRECTORATE-GENERAL OF FORESTRY, THE PLANNING BOARD (BAPPENAS) AND THE NATIONAL COMMITTEE ON THE ENVIRONMENT. ALTHOUGH OFFICIALS WERE VERY COOPERATIVE AND PLEASED TO DISCUSS ISSUES, THEY HAD LITTLE DATA TO SHARE IN RESPONSE TO QUESTIONS ASKED. SUCH DATA AS WAS AVAILABLE IS GENERAL AND SUBJECT TO ERROR. ONE OFFICIAL IN DIRECTORATE - GENERAL OF FORESTRY TOOK QUESTIONS AND PROMISED TO PROVIDE DETAILED ANSWERS AT END OF THIS WEEK. WE HAVE ONE OR TWO MORE LEADS TO FOLLOW UP AND IF THEY PRODUCE GOOD DATA, OR IF D - G OF FORESTRY OFFICIAL'S RESPONSE IS USEFUL, WE WILL PASS INFORMATION ALONG.

REF. B IS A GOOD DESCRIPTIVE TREATMENT OF THE PROBLEM OF SOIL EROSION IN INDONESIA AND GOI PLANS FOR OVERCOMING IT.

THERE FOLLOWS WHAT INFORMATION WE WERE ABLE TO GATHER PRESENTED AS RESPONSES TO QUESTIONS ASKED REF A).

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 JAKART 01118 01 OF 02 251000Z

2. A. FORESTRY

HOW MUCH DEFORESTATION IN TAKING PLACE? TOTAL LAND AREA IN INDONESIA IS 190.5 MILLION HECTARES. OF THIS ABOUT 122.2 MILLION HECTARES IN FORESTS. MOST COMMON ESTIMATE OF CURRENT RATE OF DEFORESTATION IS 400 THOUSAND HECTARES PER YEAR. MOST IMPORTANT CAUSE,

ACCOUNTING FOR AT LEAST HALF OF TOTAL, IS SLASH AND BURN AGRICULTURE ON ISLANDS OTHER THAN JAVA, MADURA AND BALI. NEXT MOST IMPORTANT CAUSE OF DEFORESTATION WAS CONSIDERED TO BE "UNWISE LAND USE", I.E. CULTIVATING TOO HIGH UP MOUNTAIN SLOPES.

3. ARE GOOD FORESTRY PRACTICES BEING USED? NO DATA ON THIS QUESTION WAS OBTAINED. ABOUT 50 MILLION HECTARES OF FOREST CUTTING CONCESSIONS HAVE BEEN GRANTED. THE CONCESSION AGREEMENTS INCLUDE REGULATIONS REGARDING METHODS AND RATES OF CUTTING, SIZE OF TREES THAT CAN BE CUT, REPLANTING, ETC. HOWEVER, ENFORCEMENT OF THE REGULATIONS IS ALMOST NON-EXISTENT. THEREFORE, FORESTRY PRACTICES VARY GREATLY FROM CONCESSION HOLDER TO CONCESSION HOLDER.

4. TO WHAT EXTENT ARE EXISTING FORESTS SHOWING SIGNS OF STRESS? NO DATA AVAILABLE.

5. TO WHAT EXTENT DOES DISRUPTION OF WATERSHED COVER APPEAR TO BE CAUSING PROBLEMS DOWNSTREAM? RIVER AND DAM SILTATION, FLOODING, ETC. ARE SERIOUS PROBLEMS, ESPECIALLY ON JAVA. FOR DISCUSSION OF THESE AND OTHER PROBLEMS RELATED TO DEFORESTATION AND SOIL EROSION, SEE REF. B). NO ADDITIONAL QUANTITATIVE DATA ON THIS PROBLEM WAS UNCOVERED.

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 JAKART 01118 01 OF 02 251000Z

6. WHAT INSTITUTIONAL PROGRAMS ARE IN EFFECT TO IMPROVE FORESTRY PRACTICES?

THE GOVERNMENT HAS TWO PROGRAMS FOR RETURNING LAND TO FOREST OR AGRICULTURAL PRODUCTIVITY, THE REFORESTATION PROGRAM AND THE "GREENING" PROGRAM. THE REFORESTATION PROGRAM IS CARRIED OUT BY THE DIRECTORATE GENERAL OF FORESTRY ON GOVERNMENT OWNED LAND. 1600 TREES, USUALLY PINE SPECIES, PER HECTARE ARE PLANTED. COSTS FOR THIS PROGRAM ARE FROM 30-60,000 RUPS (415 RUPIAH EQUAL 1.00 \$US) PER HECTARE IN THE FIRST YEAR, 15-30,000 RP. IN THE SECOND YEAR AND 7500 RP. IN THE THIRD YEAR. THE GREENING PROGRAM IS CARRIED OUT BY THE DEPARTMENT OF PUBLIC WORKS WITH INPRES C (PRESIDENTIAL INSTRUCTION) MONEY AND IN COOPERATION WITH THE DEPARTMENT OF INTERIOR. UNDER THIS PROGRAM 600 TREES PER HECTARE ARE PLANTED, USUALLY AGRICULTURAL SPECIES SUCH AS FRUIT TREES, CLOVES, OIL PALM, ETC. THE GOVERNMENT SUBSIDY IS 16,250 RP./HECTARE WHEN TERRACING IS REQUIRED AND 5,250 RP. WITHOUT TERRACING.

UNCLASSIFIED

NNN

UNCLASSIFIED

PAGE 01 JAKART 01118 02 OF 02 251006Z
ACTION OES-07

INFO OCT-02 EA-12 ISO-00 AGRE-00 AID-05 CEQ-01 CIAE-00
SOE-02 COME-00 DODE-00 EB-08 EPA-04 INR-07 IO-14
L-03 NSF-02 NSC-05 NSAE-00 PM-05 USIA-15 SS-15
SP-02 DOE-11 INT-05 /124 W
-----000367 251008Z /10

P 250904Z JAN 78
FM AMEMBASSY JAKARTA
TO SECSTATE WASHDC PRIORITY 6381

UNCLAS SECTION 2 OF 2 JAKARTA 1118

7. THE AMOUNT OF LAND REHABILITATED UNDER THESE PROGRAMS SINCE
1972 IS SHOWN BELOW:

REFORESTATION & GREENING (X 1000 HA.)
(1972 - 1979)

YEAR	REFORESTATION	GREENING	TOTAL
1972/1973	82.7	42.3	125.0
1973/1974	78.8	40.0	118.8
1974/1975	84.3	57.0	141.3
1975/1976	25.3	37.8	63.1
1976/1977	162.8	302.6	465.4
1977/1978 (PROJ.)		800	
1978/1979 (PROJ.)		1000	

ONE SOURCE STATED THAT PROBABLY ONLY ABOUT 60 PERCENT OF
THE TOTAL FIGURE FOR 1976/1977 WAS ACTUALLY ACHIEVED.

8. SHORTAGES OF TRAINED FIELD WORKERS IS ONE OF THE MAIN
LIMITING FACTORS TO EXPANSION OF THE PROGRAM. THE DIRECTORATE
GENERAL OF FORESTRY IS TRAINING ABOUT 2500 NEW FIELD
WORKERS A YEAR TO ATTEMPT TO OVERCOME THE PROBLEM. THE
EFFECTIVENESS OF THE GREENING PROGRAM IS HIGHLY VARIABLE,
DEPENDING IN LARGE MEASURE UPON THE QUALITY OF THE LOCAL
OFFICIALS WHO PARTICIPATE IN ITS IMPLEMENTATION.

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 JAKART 01118 02 OF 02 251006Z

9. THE OBJECTIVE OF THE TWO PROGRAMS IS TO EVENTUALLY
REHABILITATE A TOTAL OF 42 MILLION HECTARES OF LAND CLASSIFIED

AS FOLLOWS:

	CRITICAL CONDITION	OTHER	TOTAL
	(MILLION HECTARES)		
DRY AGRICULTURAL LAND	3	-	3
"ALANG-ALANG" GRAS LAND, ABANDONED LAND, AND OTHER	13	3	16
DEFORESTED LAND	4	19	23
TOTAL	20	22	42

10.B. SOIL:

IS AGRICULTURAL LAND BEING LOST ETC? WHILE THE ANSWER TO THIS QUESTION IS YES, VERY LITTLE DATA EXISTS TO DESCRIBE THE EXTENT OF THE PROBLEM. ONE STUDY OF THE UPPER SOLO RIVER BASIN IN CENTRAL JAVA, ONE OF THE MOST INTENSELY CULTIVATED AREAS IN THE COUNTRY, SHOWS EROSION IN SOME PLACES OF AS MUCH AS 4 CM ANNUALLY. FOR FURTHER DISCUSSION OF THIS PROBLEM SEE REF.B.

11.C. LAND DEVELOPMENT:

WHAT DOES IT COST TO BRING AN ADDITIONAL HECTARE OF LAND INTO DEVELOPMENT? NO DATA WERE LOCATED ON THIS QUESTION. HOWEVER, THE MINISTER OF RESEARCH ESTIMATES THAT A TOTAL OF 41 MILLION HECTARES OF LAND COULD BE BROUGHT INTO CULTIVATION IN INDONESIA.

12.\$\$. YIELD GAINS: WHAT ESTIMATES ARE AVAILABLE AS TO YIELD GAINS AVAILABLE FROM TECHNOLOGICAL CHANGE? THE CENTRAL RESEARCH INSTITUTE FOR AGRICULTURE IN BOGOR HAS ESTIMATED YIELDS THAT COULD BE OBTAINED BY FARMERS USING ALREADY AVAILABLE TECHNOLOGY FOR THE FOLLOWING CROPS:

	CURRENT	POTENTIAL
--	---------	-----------

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 JAKART 01118 02 OF 02 251006Z

	(METRIC TONS)	
--	---------------	--

CORN	1.2	4
RICE	1.3	5
SOYBEANS	.76	2
CASSAVA	9	30
SWEET POTATOES	8.1	30
MASTERS		

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: DATA, SOIL CONSERVATION, EROSION, STUDIES, AGRICULTURAL PROGRAMS
Control Number: n/a
Copy: SINGLE
Draft Date: 25 jan 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978JAKART01118
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780037-0074
Format: TEL
From: JAKARTA
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780125/aaaaauxd.tel
Line Count: 214
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 55d0a1e0-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 78 STATE 2024, 76 JAKARTA A-26
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 01 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3718233
Secure: OPEN
Status: NATIVE
Subject: DATA FOR THE YEAR 2000 STUDY
TAGS: SENV, ID
To: STATE
Type: TE
vdkgvwkey: odhc://SAS/SAS.dbo.SAS_Docs/55d0a1e0-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014